

Carex atrata

Habitus and growth type

Plant height [m]: **0.28**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **20.62**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.59**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **1**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.2**

Temperature indicator value: **2.4**

Moisture indicator value: **5.6**

Reaction indicator value: **5.6**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.29**

Disturbance frequency (herb layer): **1.46**

Disturbance severity: **0.28**

Disturbance severity (herb layer): **0.26**

Mowing frequency: **0.03**

Grazing pressure: **0.22**

Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [AB \(KOB\) *Carici rupestris-Kobresietea bellardii*](#), [LA \(HER\) *Salicetea herbaceae*](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Oromediterranean scrub, Sparsely vegetated (incl. rock and scree)**